

Appl. No. 10/627,615
Amdt. Dated July 11, 2005
Reply to Office Action of May 9, 2005

Amendments to the Abstract

Please replace the abstract with the following amended Abstract:

A sensor array that forms part of an intrusion detection system, which is adapted for use on narrow spaced objects that surround a perimeter. The sensor array includes at least two intrusion detection sensor nodes and an array, a plurality of node processors corresponding to each sensor node, and a deformable cable. The plurality of sensor nodes are situated and spaced along the deformable cable. The at least two sensor nodes include one or more discrete volumetric sensors with associated volumetric detection fields extending from each discrete volumetric sensor. Each sensor node has a detection zone extending transversely to the longitudinal direction of the deformable cable at the sensor node and defined by the effective detection fields of its constituent sensors as constructed and arranged in each sensor node. Each sensor node ~~may also includes~~ a node processor situated thereat for processing a response generated by the sensors when an intruder enters a nodes detection zone. The An array processor of the sensor array is can be coupled to each node processor to connected to each sensor node and receives and processes receive and process alarm disturbance signatures from each node processor.